

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S305	57	S304	US- PGPUB; USPAT	ADJ	ON	2011/07/14 15:37
S304	57	MIMO same (OFDM\$2 or channel) and spatial near3 (multiplex\$4 or process\$4) same (vector\$4 or eigen\$5) and spatial near3 (multiplex\$4 or process\$4) same (cod\$4 or modulat\$4 or decod\$4 or crosstalk or interference with (cancel\$ or reduce) or channel with matrix or MMSE) and 375/345,347-348.ccls.	US- PGPUB; USPAT	ADJ	ON	2011/07/14 15:37
S303	56	MIMO same (OFDM\$2 or channel) and spatial near3 (multiplex\$4 or process\$4) same (vector\$4 or eigen\$5) and spatial near3 (multiplex\$4 or process\$4) same (cod\$4 or modulat\$4 or decod\$4 or crosstalk or interference with (cancel\$ or reduce) or channel with matrix or MMSE) and 370/328,334,337-338.ccls.	US- PGPUB; USPAT	ADJ	ON	2011/07/14 15:37
L3	25	spatial with (multiplex\$) same (steer\$ or vector or beamform \$4) same antenna\$ and 370/208-210.ccls.	US- PGPUB; USPAT	ADJ	ON	2011/07/15 10:19
L6	574	spatial with (multiplex\$) same (steer\$ or vector or beamform \$4 or eigen\$) same antenna\$ and MIMO same (OFDM\$2 or channel)	US- PGPUB; USPAT	ADJ	ON	2011/07/15 10:20
L5	77	spatial with (multiplex\$) same (steer\$ or vector or beamform \$4 or eigen\$) same antenna\$ and 370/328,334,337-338.ccls.	US- PGPUB; USPAT	ADJ	ON	2011/07/15 10:20
L4	28	spatial with (multiplex\$) same (steer\$ or vector or beamform \$4 or eigen\$) same antenna\$ and 370/208-210.ccls.	US- PGPUB; USPAT	ADJ	ON	2011/07/15 10:20

L8	9	spatial with (multiplex\$) with (steer\$ or vector or beamform \$4 or eigen\$) same antenna\$ same (cod\$4 or modulat\$4) with (streams or data or frame or user or terminal) and MIMO same (OFDM\$2 or channel) and @AD<="20031030"	US- PGPUB; USPAT	ADJ	ON	2011/07/15 10:32
L14	19	(L10 or L11 or L12 or L13) and MIMO same spatial with multipl \$ same steer\$4 and @AD<="20031030"	US- PGPUB; USPAT	ADJ	ON	2011/07/15 10:33
L13	367	((STEVEN) near2 (HOWARD)). INV.	US- PGPUB; USPAT	ADJ	ON	2011/07/15 10:33
L12	300	((MARK) near2 (WALLACE)). INV.	US- PGPUB; USPAT	ADJ	ON	2011/07/15 10:33
L11	185	((JOHN) near2 (KETCHUM)). INV.	US- PGPUB; USPAT	ADJ	ON	2011/07/15 10:33
L10	196	((J) near2 (WALTON)).INV.	US- PGPUB; USPAT	ADJ	ON	2011/07/15 10:33
L9	18	("20010017881"   "20030045288"   "20030076812"   "20040005887"   "20040071107"   "20050099974"   "20060153237"   "20070274278"   "20100142636"   "4736371"   "5493712"   "6275543"   "6515617"   "6574267"   "6636496"   "6757263"   "6952454"   "7194237").FN.	US- PGPUB; USPAT	ADJ	ON	2011/07/15 10:33
L15	224	370/328,334,337,338.ccls. and MIMO.bsum. and spatial with multiplex\$	US- PGPUB; USPAT	ADJ	ON	2011/07/15 10:35
L16	19	spatial with (multiplex\$ or process\$4) same (steer\$ or vector or beamform\$4) same MIMO and 375/260-267.ccls. and @AD<="20031123"	US- PGPUB; USPAT	ADJ	ON	2011/07/15 10:36

## EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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S306	7	spatial (multiplex\$) with (steer\$ or vector or beamform \$4) same MIMO same (cod\$3 or modulats) same estimat\$4 with (channel or symbol or streams or data)	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/07/14 15:37
S307	11	spatial with (multiplex \$) with (steer\$ or vector or beamform \$4) same MIMO same (cod\$3 or modulats) same estimat\$4 with (channel or symbol or streams or data)	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/07/14 15:38
L1	6	spatial with (multiplex \$) with (steer\$ or vector or beamform \$4) same (antenna \$4) same (cod\$3 or modulats) same estimat\$4 with (channel or symbol or streams or data)	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/07/15 10:16
L2	36	spatial with (multiplex \$) with (steer\$ or vector or beamform \$4) same (antenna \$4) same estimat\$4 with (channel or symbol or streams or data)	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/07/15 10:18
L7	578	spatial with (multiplex \$) same (steer\$ or vector or beamform \$4 or eigen\$) same antenna\$ and MIMO same (OFDM\$2 or channel)	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/07/15 10:20

7/ 15/ 2011 10:36:39 AM

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